Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

SUBJECT INDEX

Abstracts, committee report, 537
Algae, control by copper sulphate on basin walls, 88
Alum, rate of solution, 426
American Water Works Association, abstracts committee report, 537
annual convention, 550
constitutional amendments, 533
Council on Standardization, 535
finance committee's report, 448
publication committee's report, 454
secretary's report, 456
society affairs, 119, 283, 461, 550
treasurer's report, 539
Atlanta, Ga., meters, multiple-family houses, 15

B. coli differentiation tests, eosin-methylene blue agar, 151
Bloomington, Ind., impounded water, 407
Brass goods, standardization, 48

Cast iron pipe, committee report on revision of specifications, 654
Pont-a-Mousson, 165
Charleston, S. C., cleaning water mains, 659
Chicago, Ill., water works, 402
Chisholm, Minn., iron range water system, 55
Chlorine absorption tests in water, 603
Chlorination, tastes and odors, 603
Cleaning water mains, 659
Cleveland, Ohio, division pumping station and its operation, 433
municipal steam heating system, 559
Coal shortage, relief, 1
Colloid chemistry, filter-pressing of sewage sludge, 486
water purification, 571
Committee reports, abstracts, 537
finance, 448
official standards of water analysis, 532
private fire protection services, minority report, 218
publication, 454
revision of cast iron pipe specifications, 654
Committee reports, standard meter specifications, 273
standardization, 535
Copper sulphate, control of algae on basin walls, 88
Corrosion, iron and steel pipes, 630
Council Grove, Kan., water works, 91
Council on Standardization, 535
Crustacea difficulties in filters, 530

Detroit, Mich., water waste, 583, 672

Eastbourne, England, damage of wells by sea water, 71
East Jersey, water company meters, multiple-family houses, 6
Electrolysis, water mains, 116, 630
Eosin-methylene blue agar, b. coli tests, 151
Evanston, Ill., filtration plant, 442
Extensions of water mains, 644, 645, 646, 648

Filters, (filtration), application of hydrogen-ion concentration, 397
crustacea difficulties, 522
Evanston, Ill., 442
licensing operators New Jersey, 362
operator as scientist, 359
state versus local viewpoint, on control, 356
Whiting, Ind., 442
Filter-pressing, sewage sludge, colloid chemistry, 486
Finance, Committee report, 448
Fire protection services, private, minority committee report, 218

Greenville, Tenn., water borne typhoid, 132
Ground-water supplies, depletion, 167
self-cleansing collecting system, 147

Hydrogen-ion concentration, application to water purification, 397
control in water supplies, 548
significance in drinking water, 239

Impounded water at Bloomington Ind., 407

Iowa City, Iowa, water company valuations, 138
Iron, Chisholm, Minn., water system, 55
Shelby, Ohio, water system, 193

Joints, flexible, East river, N. Y., 165
flexible, Portland, Me., 616

Mains, cleaning in Charleston, S.C., 659
cleaning in Kansas City, 369
electrolysis, 116, 630
extensions, 644, 645, 646, 648
self-corrosion of iron and steel, 630
Membership, committee report, 456
Memphis, Tenn., water supply, 377
Meters, Atlanta Water Department, experience, 15
committee report, standard specifications, 273
East Jersey Water Company, experience, 6
Milwaukee, experience, 10
multiple-family houses, 4, 6, 10, 11, 13, 14, 15, 16, 190
San Francisco, experience, 4
standardization, 637
testing in series, 127
Miami, Fla., damage of wells by sea water, 74
Milwaukee, Wis., meters, multiple-family houses, 6
Municipal water rates, 497

New Jersey, license law for filter operators, 362

Oil engine, development, 412
Operators, licensing in New Jersey, 362 362
course for water works, 627

Peak demands, reservoir versus additional pumpage capacity, 463
Pipes, *see* Mains,
casting, Pont-a-Mousson foundry,
Committee report on revision of specifications, 654
repairs to flexible-jointed, East river, New York, 165
submarine pipe-line, Portland, Me., 616
Pittsburgh District, acid pollution of water, 201, 541, 547, 662, 665
Pollution of water, acid, Pittsburgh District rivers, 201, 541, 547, 662, 665
by waste from hydrogen generating plant, 632
Pollution units, effective dilution, 233, 270, 667, 671
Pont-a-Mousson, pipe casting foundry, 165
Portland, Me., submarine pipe line, 616
Publication, Committee report, 454
Pumping station, Cleveland, Ohio, 433
Presidential address, 479

Quality of water at different points on water system, 522

Railroad, water supplies, waste prevention, 82
Reservoir versus additional pumpage capacity for peak demands, 463
Romance of water storage, 291, 300, 301, 305, 306, 307, 309, 311, 312, 314, 318, 661

San Francisco, Cal., meters, multiple-family houses, 10
Scoring of water supplies, 182, 187
Secretary, annual report, 456
financial statement, 458
Self-cleansing underground water collecting system, 147
Self-corrosion, iron and steel pipes, 630
Sewage-sludge, filter-pressing, colloid chemistry, 486
Shelby, Ohio, iron bearing water supply, 193
Society affairs, 119, 283, 461, 550
Specifications, cold water meters, disc type, 273
revision for cast iron pipe, 654
Standardization, brass goods, 48
Council on, 535
report of committee on official standards of water analysis, 532
water meters, 637
State supervision of water works, 337
State versus local viewpoint on filter plant control, 356
Steam heating system, municipal, 559

Tampa, Fla., damage of wells by sea water, 74
Tastes and odors from chlorination, 603
Treasurer's report, 539
Tropical water supplies, 157
Typhoid fever, Greenville, Tenn., 132

Valuation, water company, Iowa City, Iowa, 138
Valves, double check, 222, 650, 651, 652

Water purification, colloidal chemistry, 571
Evanston, Ill., 442
hydrogen-ion concentration, application, 397
licensing operators, New Jersey, 362
Whiting, Ind., 442
Water rates,
municipal, 497
public utility service, 321
relative cost of public and private uses of water, 115
small cities, 38
Water storage, Bloomington, Ind., 407
romance of, 291, 300, 301, 305, 306, 307, 309, 311, 312, 314, 318, 661
Water supplies, Chicago, Ill., 402
depletion of ground water, 167
hydrogen-ion concentration, 239, 541
iron range, 55
iron in Shelby, Ohio, 193
Memphis, Tenn., 377
Water supplies, pollution by waste from hydrogen generating plant, 632
pollution in Pittsburgh District, 201, 541, 547, 662, 665
popularizing, 110
quality at different points on water system, 522
Quebec, 75
scoring, 182, 187
self-cleansing underground, 147
tastes and odors from chlorination, 603
Water waste, prevention on railroads, 82
in Detroit, 583, 672
Water works, business end, 17
Chisholm, iron range water, 55
Council Grove, Kan., life notes and sale, 91
course for operators, 627
information, 271
state supervision, 337
Wells, damage by sea water, 59
Eastbourne, England, experience, 71
Miami, Fla., experience, 74
Tampa Water Works Co., experience, 74
Whiting, Ind., filtration plant, 442

AUTHOR INDEX

ACKERMAN, J. WALTER, double check valves on water supplies, 650
what is the proper size meter for multiple-family houses? 4
ALLEMAN, GELLERT, electrolysis, 116
AMSBURY, F. C., state supervision of water works, 345

BANKSON, E. E., (with D. E. Davis and C. A. Finley), municipal water rates, 497
BARTOW, EDWARD, (with A. S. Behrman), pollution of a stream by waste from a hydrogen generating plant, 632
BASS, FREDERICK H., a short course for water works operators, 627
BEHRMAN, A. S., (with Edward Bartow), pollution of a stream by waste from a hydrogen generating plant, 632
BILLINGS, LLOYD C., (with Walter A. Sperry), tastes and odors from chlorination, 603
BLANCHARD, R. K., the standardization of water meters—disk type, 637
BOHMANN, H. P., meters for multiple-family houses, 10
BROWN, C. ARTHUR, romance of water storage, 314
BRUSH, WILLIAM W., extensions of water mains, 645
meters for multiple-family houses, 13
BURGESS, PHILIP, experiences with iron in the public water supply at Shelby, Ohio, 193
BURNHAM, H. A., development of the F. M. double check valve as a safeguard for public water supplies, 222

CAPEN, CHARLES H., JR., the licensing of operators for purification plants in the state of New Jersey, 362
CHESTER, JOHN N., Memphis water works, 377
meters for multiple-family houses, 11
standardization of brass goods, 53
water supplies in Quebec, 78
CHRISTMAN, J. N. H., division pumping station at Cleveland, Ohio, and its operation, 433
CLARK, H. W., romance of water storage, 305
CLEMENS, O. E., the business end of the water works, 17
COPELAND, WM. R., (with John Arthur Wilson and Henry Mills Heisig), the application of colloid chemistry to the filter-pressing of sewage sludge, 486

DANIELS, F. E., acid pollution of water in the Pittsburgh District, 662
DAVIS, D. E., (with E. E. Bankson and C. A. Finley), municipal water rates, 497
DAVIS, D. E., water supply of Memphis, Tenn., 377
DAVIS, E. E., double check valves on water supplies, 652
DITTOE, W. H., romance of water storage, 307
DIVEN, JOHN M., romance of water storage, 311
standardization of brass goods, 53
DUNHAM, H. F., meters for multiple-family houses, 13
wells damaged by sea water, 72
DUNLAP, JOHN H., valuation of Iowa City water company based on present and pre-war costs, 138

EDWARDS, W. R., meters for multiple-family houses, 6
ELLIOTT, G. A., meters for multiple-family houses, 4
ELLMS, J. W., (with A. G. Levy and L. A. Marshall), rate of solution of sulphate of aluminum, 426
ELLMS, J. W., romance of water storage, 300
EMERSON, C. A., romance of water storage, 312
ERICSON, JOHN, glimpses at the past and future of the Chicago water supply, 402

FENKELL, GEORGE H., waste of water in Detroit, Mich., 583
FINLEY, C. A., (with E. E. Bankson and D. E. Davis), municipal water rates, 497

FLINN, ALFRED DOUGLAS, self-corroson of iron and steel pipes, 630
FOREMAN, CHARLES S., water main cleaning in Kansas city, Mo., 369
FRENCH, D. W., meters for multiple-family houses, 190
FRENCH, E. V., committee on private fire protection services, 218

GARRATT, J. E., testing water meters in series, 127
GIBSON, J. E., cleaning water mains, 659
GILKISON, GEORGE F., application of copper sulphate to basin walls for control of algae, 88
GOODELL, JOHN M., practical water works information, 271
GORE, WILLIAM, wells damaged by sea water, 71
GRAHAM, J. W., laying and repairing submarine pipe line at Portland, Me., 616
GREENFIELD, R. E., hydrogen-ion concentration and its application to water purification, 397
GREELEY, SAMUEL A., operation of the water filtration plants at Evanston, Ill., and Whiting, Ind., 442
GRISWOLD, DON M., tropical water supplies, 157
GWINN, DOW R., double check valves on water supplies, 652
extensions of water mains, 644
state supervision of water works, 346, 354

HARRUB, C. N., water borne typhoid fever at Greenville, Tenn., 132
HAYDOCK, CHARLES, pollution of river water in Pittsburgh District, 541
railroad water waste prevention, 87
HEISIG, HENRY MILLS, (with John Arthur Wilson and Wm. R. Copeland), the application of colloid chemistry to the filter-pressing of sewage sludge, 486
HERING, RUDOLPH, wells damaged by sea water, 74
HEYMANN, J. A., (with A. Massink), significance of hydrogen-ion concentration in drinking water and particularily for the business of water supply, 239
HODGMAN, BURT B., cleaning water mains, 660
HORTON, ROBERT E., depletion of ground-water supplies, 167
HORTON, THEODORE, romance of water storage, 301

JENSEN, J. CHRIS., state supervision of water works, 348
JOHNSON, GEORGE A., effective dilution as a pollution unit, 270, 671
romance of water storage, 191
JONES, WM. A., waste of water in Detroit, 672

KAISER, H. W., municipal steam heating system at Cleveland, Ohio., 559
KEELER, H. E., state supervision of water works, 346
KNOWLES, C. R., railroad water waste prevention, 82

LAFRENIERE, THEO. J., statistics of the water supplies of the province of Quebec, 75
LEISEN, T. A., extensions of water mains, 648
LEOPOLD, F. B., some experience in the development of the oil engine, 412
LEVINE, MAX, further observations on the eosin-methylene blue agar, 151
LEVY, A. G., (with J. W. Ellms and L. A. Marshall), rate of solution of sulphate of aluminum, 426
LITTLE, BEEKMAN C.,
presidential address, 479
relief from coal shortage, 1
LOCHRIDGE, E. E., romance of water storage, 306

MCDONNELL, ROBERT E., popularizing water, 110
MCEVOY, J. W., extensions of water mains, 646
state supervision of water works, 353
MCFARLAND, CHESTER, R., wells damaged by sea water, 74
MARSHALL, L. A., (with J. W. Ellms and A. G. Levy), rate of solution of sulphate of aluminum, 426
MASON, W. P., romance of water storage, 661
wells damaged by sea water, 59
MASSINK, A., (with J. A. Heymann), significance of hydrogen-ion concentration in drinking water and particularly for the business of water supply, 239
MATTHEWS, J. N., state supervision of water works, 350
MAURY, DABNEY H., state supervision of water works, 349
MAXWELL, D. H., impounded water at Bloomington, Ind., 407
MESSER, RICHARD, romance of water storage, 309

METCALF, LEONARD, relative costs of public and private uses of water 115
wells damaged by sea water, 73
MILLER, WALTER E., relative cost of public and private use of water 115
MONFORT, W. F., control of hydrogen-ion concentration, 548
MORSE, ROBERT B., romance of water storage, 318
state versus local viewpoint on filter plant control, 356
MUELLER, ADOLPH, meters for multiple-family houses, 16
standardization of brass goods, 48

PINCUS, SOL, effective dilution as a pollution unit, 667
POWELL, SHEPPARD T., the quality of water at different points on a water system, 522
PRINCE, GEORGE, I., self-cleansing underground water collecting system, 147

QUAYLE, L. A , a reservoir versus additional pumpage capacity for supplying peak demands, 463

RAYMOND, WM. G value versus investment as a basis for utility service rates, 27
ROBERTS, T. P., pollution of river water in Pittsburgh District, 547
RODMAN, GEORGE E., repairs to a flexible-jointed pipe under the East river to Blackwells island, 165
ROOS, C. M., state supervision of water works, 337
ROSENTHAL, HELMAN, overcoming difficulties with crustacea in filter beds, 530

SHAW, WALTER A., establishing rates for service rendered by public utilities by contract, 321
state supervis on of water works 354
SMITH, W. Z., meters for multiple-family houses, 15
SPELLER, F. N., acid pollution of water in Pittsburgh District, 665
SPERRY, WALTER A., (with Lloyd C. Billings), tastes and odors from chlorination, 603
STEIN, MILTON, F., scoring of water supplies, 182
some notes on colloidal chemistry and water purification, 571
SULLIVAN, C. J., an iron range water system: Chisholm, 55
SULLIVAN, W LLIAM, F., meters for multiple-family houses, 14

TRIBUS, LOUIS L., life notes and sale, water system at Council Grove, Kansas, 91

WALLACE, R. B., state supervision of water works, 347
WELLS, WM. FIRTH, effective dilution as a pollution unit, 233
scoring of water supplies, 187
WHIPPLE, GEORGE C., pipe casting at Pont-a-Mousson, 161
WILSON, JOHN, water rates in small cities and villages, 38
WILSON, JOHN ARTHUR, (with Wm. R. Copeland and Henry Mills Heisig), the application of colloid chemistry to the filter-pressing of sewage sludge, 486
WOLMAN, ABEL, the small plant operator as scientist, 359
WYNNE-ROBERTS, R. O., water supplies in Quebec, 79

YOUNG, C. M. pollution of river water in the Pittsburgh District, 201